

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"20050014150"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/06 10:28
L2	253	(artificial adj transcription) or (transcription adj factor adj modulator) or (Transcription with ((regulatory adj factor adj modulator) or RFM))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/06 11:37
L3	130	L2 and @ad<"20030116"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/06 11:37
L4	6	L3 and (anchor and (polyamide or intercalator or (major adj groove adj binding adj oligonucleotide) or (triple adj helix adj forming adj oligonucleotide) or (triplex adj forming adj oligonucleotide) or (peptide adj nucleic adj acid) or PNA or mitomycin or cisplatin or anthromycin or ("C.sub.1-6" alkyl) or (polycyclic adj aromatic adj hydrocarbon) ))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/06 13:46
L5	46	L3 and ((anchor or (DNA adj binding adj domain)) and (polyamide or intercalator or (major adj groove adj binding adj oligonucleotide) or (triple adj helix adj forming adj oligonucleotide) or (triplex adj forming adj oligonucleotide) or (peptide adj nucleic adj acid) or PNA or mitomycin or cisplatin or anthromycin or ("C.sub.1-6" alkyl) or (polycyclic adj aromatic adj hydrocarbon)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/06 12:33
L6	41	L3 and ((anchor or (DNA adj binding adj domain)) and (polyamide or intercalator or (major adj groove adj binding adj oligonucleotide) or (triple adj helix adj forming adj oligonucleotide) or (triplex adj forming adj oligonucleotide) or (peptide adj nucleic adj acid) or mitomycin or cisplatin or anthromycin or ("C.sub.1-6" alkyl) or (polycyclic adj aromatic adj hydrocarbon)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/06 12:34

## EAST Search History

L7	23	L3 and ((anchor or (DNA adj binding adj domain)) and (polyamide or intercalator or (major adj groove adj binding adj oligonucleotide) or (triple adj helix adj forming adj oligonucleotide) or (triplex adj forming adj oligonucleotide) or mitomycin or cisplatin or anthromycin or ("C.sub.1-6" alkyl) or (polycyclic adj aromatic adj hydrocarbon)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/06 12:35
L8	21	L3 and ((anchor or (DNA adj binding adj domain)) and (intercalator or (major adj groove adj binding adj oligonucleotide) or (triple adj helix adj forming adj oligonucleotide) or (triplex adj forming adj oligonucleotide) or mitomycin or cisplatin or anthromycin or ("C.sub.1-6" alkyl) or (polycyclic adj aromatic adj hydrocarbon)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/06 12:39
L9	9	L3 and ((anchor or (DNA adj binding adj domain)) and (intercalator or (major adj groove adj binding adj oligonucleotide) or (triplex adj forming adj oligonucleotide) or mitomycin or cisplatin or anthromycin or ("C.sub.1-6" alkyl) or (polycyclic adj aromatic adj hydrocarbon)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/06 13:42
L10	9	L9 and (linker or (linker with ((polypeptide ) or PEG or (polyethylene adj glycol) or ("C.sub.1-6" adj alkylenyl) or ("C.sub.1-6" adj alkenyl) or ("C.sub.1-6" adj alkynyl) or ("C.sub.1-6" adj alkyl) or ("C.sub.1-6" adj alkene) or ("C.sub.1-6" adj alkyne)) ))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/06 13:43
L11	5	L3 and ((anchor or (DNA adj binding adj domain)) and (mitomycin or cisplatin or CDDP or anthromycin or ("C.sub.1-6" alkyl) or (polycyclic adj aromatic adj hydrocarbon)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/06 13:44
L12	5	L11 and (linker or (linker with ((polypeptide ) or PEG or (polyethylene adj glycol) or ("C.sub.1-6" adj alkylenyl) or ("C.sub.1-6" adj alkenyl) or ("C.sub.1-6" adj alkynyl) or ("C.sub.1-6" adj alkyl) or ("C.sub.1-6" adj alkene) or ("C.sub.1-6" adj alkyne)) ))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/06 13:46

## EAST Search History

L13	1	L3 and ((anchor or (DNA adj binding adj domain)) and (mitomycin or cisplatin or CDDP or anthromycin or ("C.sub.1-6" adj alkyl) or (polycyclic adj aromatic adj hydrocarbon)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/06 13:56
L14	105	L3 and ((single adj stranded) or (double adj stranded) or (triple adj stranded) or duplex or triplex)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/06 13:47
L15	79	L14 and (linker or (linker with ((polypeptide ) or PEG or (polyethylene adj glycol) or ("C.sub.1-6" adj alkylenyl) or ("C.sub.1-6" adj alkenyl) or ("C.sub.1-6" adj alkynyl) or ("C.sub.1-6" adj alkyl) or ("C.sub.1-6" adj alkene) or ("C.sub.1-6" adj alkyne)) ))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/06 13:47
L16	6	L15 and (anchor and (polyamide or intercalator or (major adj groove adj binding adj oligonucleotide) or (triple adj helix adj forming adj oligonucleotide) or (triplex adj forming adj oligonucleotide) or (peptide adj nucleic adj acid) or PNA or mitomycin or cisplatin or anthromycin or ("C.sub.1-6" alkyl) or (polycyclic adj aromatic adj hydrocarbon) ))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/06 13:47
L17	6	L15 and (anchor and (polyamide or intercalator or (major adj groove adj binding adj oligonucleotide) or (triple adj helix adj forming adj oligonucleotide) or (triplex adj forming adj oligonucleotide) or (peptide adj nucleic adj acid) or PNA or mitomycin or cisplatin or anthromycin or ("C.sub.1-6" adj alkyl) or (polycyclic adj aromatic adj hydrocarbon) ))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/06 13:47
L18	20	L8 and ((single adj stranded) or (double adj stranded) or (triple adj stranded) or duplex or triplex)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/06 13:47

## EAST Search History

L19	11	L18 and (linker or (linker with ((polypeptide ) or PEG or (polyethylene adj glycol) or ("C.sub.1-6" adj alkylenyl) or ("C.sub.1-6" adj alkenyl) or ("C.sub.1-6" adj alkynyl)or ("C.sub.1-6" adj alkyl) or ("C.sub.1-6" adj alkene) or ("C.sub.1-6" adj alkyne)) ))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/06 13:50
L20	8	L3 and aptamer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/06 13:48
L21	4	L5 and aptamer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/06 13:49
L22	2	L21 and (linker or (linker with ((polypeptide ) or PEG or (polyethylene adj glycol) or ("C.sub.1-6" adj alkylenyl) or ("C.sub.1-6" adj alkenyl) or ("C.sub.1-6" adj alkynyl)or ("C.sub.1-6" adj alkyl) or ("C.sub.1-6" adj alkene) or ("C.sub.1-6" adj alkyne)) ))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/06 13:50
L23	3	entrop\$\$ adj destabili\$\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/06 13:57
L24	0	L3 and (entrop\$\$ adj destabili\$\$)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/06 13:57
L25	1	L2 and (entrop\$\$ adj destabili\$\$)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/06 13:57
L26	5	entrop\$\$ adj stabilize	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/06 13:58
L27	5	entrop\$\$ adj (stabilize or stable)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/06 13:58

## EAST Search History

L28	2	entrop\$\$ adj (destabilized or unstable)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/06 13:58
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10/759,416 Dialog  
9/6/2006 LLM

? s s26 AND ((ANCHOR OR (DNA (W) BINDING (W) DOMAIN)) AND (MITOMYCIN OR CISPLATIN OR CDDP OR ANTHROMYCIN OR (C1-6 (W)ALKYL) OR (C2 (W)ALKYL)OR (C3 (W)ALKYL) OR (C4(W)ALKYL) OR (C5 (W)ALKYL) OR (C6 (W)ALKYL) OR (POLYCYCLIC (W) AROMATIC (W)HYDROCARBON)))

Processing

3	S26
67774	ANCHOR
4998712	DNA
4218644	BINDING
1405685	DOMAIN
52323	DNA(W) BINDING (W) DOMAIN
89346	MITOMYCIN
212669	CISPLATIN
20914	CDDP
3	ANTHROMYCIN
5	C1-6
591158	ALKYL
0	C1-6 (W)ALKYL
117868	C2
591158	ALKYL
159	C2 (W)ALKYL
132931	C3
591158	ALKYL
247	C3 (W)ALKYL
94859	C4
591158	ALKYL
560	C4 (W)ALKYL
47583	C5
591158	ALKYL
249	C5 (W)ALKYL
62717	C6
591158	ALKYL
612	C6 (W)ALKYL
168463	POLYCYCLIC
941511	AROMATIC
376015	HYDROCARBON
37310	POLYCYCLIC (W) AROMATIC (W) HYDROCARBON

S27 0 S S26 AND ((ANCHOR OR (DNA (W) BINDING (W) DOMAIN)) AND (MITOMYCIN OR CISPLATIN OR CDDP OR ANTHROMYCIN OR (C1-6 (W)ALKYL) OR (C2 (W)ALKYL)OR (C3 (W)ALKYL) OR (C4(W)ALKYL) OR (C5 (W)ALKYL) OR (C6 (W)ALKYL) OR (POLYCYCLIC (W) AROMATIC (W)HYDROCARBON)))

? d s

Set	Items	Description
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S1	472	S (ARTIFICIAL (W) TRANSCRIPTION) OR (TRANSCRIPTION (W) FACTOR (W) MODULATOR) OR (TRANSCRIPTION (3N) ((REGULATORY (W) FACTOR (W) MODULATOR) OR RFM))
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S2	1	S S1 AND (ANCHOR AND (POLYAMIDE OR INTERCALATOR OR (MAJOR (W) GROOVE (W) BINDING (W) OLIGONUCLEOTIDE) OR (TRIPLE (W) HELIX (W) FORMING (W) OLIGONUCLEOTIDE) OR (TRIPLEX (W) FORMING (W) OLIGONUCLEOTIDE) OR (PEPTIDE (W) NUCLEIC (W) ACID) OR PNA OR MITOMYCIN OR CISPLATIN OR ANTHROMYCIN OR (C1-6 (W)ALKYL) OR (C2 (W)ALKYL)OR (C3 (W)ALKYL) OR (C4(W)ALKYL) OR (C5 (W)ALKYL) OR (C6 (W)ALKYL) OR (POLYCYCLIC (W) AROMATIC (W) HYDROCARBON) ))
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S3	21	S S1 AND ((ANCHOR OR (DNA (W) BINDING (W) DOMAIN)) AND (POLYAMIDE OR INTERCALATOR OR (MAJOR (W) GROOVE (W) BINDING (W) OLIGONUCLEOTIDE) OR (TRIPLE (W) HELIX (W) FORMING (W) OLIGONUCLEOTIDE) OR (TRIPLEX (W) FORMING (W) OLIGONUCLEOTIDE) OR (PEPTIDE (W) NUCLEIC (W) ACID) OR PNA OR MITOMYCIN OR CISPLATIN OR ANTHROMYCIN OR (C1-6 (W)ALKYL) OR (C2 (W)ALKYL)OR (C3 (W)ALKYL) OR (C4(W)ALKYL) OR (C5 (W)ALKYL) OR (C6 (W)ALKYL) OR (POLYCYCLIC (W) AROMATIC (W) HYDROCARBON) ))
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S4	4	RD (unique items)
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S5	1	S S1 AND ((ANCHOR OR (DNA (W) BINDING (W) DOMAIN)) AND (INTERCALATOR OR (MAJOR (W) GROOVE (W) BINDING (W) OLIGONUCLEOTIDE) OR (TRIPLEX (W) FORMING (W)
----	---	--

OLIGONUCLEOTIDE) OR MITOMYCIN OR CISPLATIN OR ANTHROMYCIN OR (C1-6 (W)ALKYL) OR (C2 (W)ALKYL)OR (C3 (W)ALKYL) OR (C4(W)ALKYL) OR (C5 (W)ALKYL) OR (C6 (W)ALKYL) OR (POLYCYCLIC (W) AROMATIC (W) HYDROCARBON))

S6 1 S S1 AND ((ANCHOR OR (DNA (W) BINDING (W) DOMAIN)) AND (MITOMYCIN OR CISPLATIN OR CDDP OR ANTHROMYCIN OR (C1-6 (W)ALKYL) OR (C2 (W)ALKYL)OR (C3 (W)ALKYL) OR (C4(W)ALKYL) OR (C5 (W)ALKYL) OR (C6 (W)ALKYL) OR (POLYCYCLIC (W) AROMATIC (W)HYDROCARBON))

S7 42 S S1 AND (LINKER OR (LINKER (3N) ((POLYPEPTIDE ) OR PEG OR (POLYETHYLENE (W) GLYCOL) OR (C6 (W) ALKYLENYL) OR (C6(W) ALKENYL) OR (C6 (W) ALKYNYL) OR (C6 (W) ALKYL) OR (C6 (W) ALKENE) OR (C6 (W) ALKYNE) OR (C5 (W) ALKYLENYL) OR (C5(W) ALKENYL) OR (C5 (W) ALKYNYL) OR (C5 (W) ALKYL) OR (C5 (W) ALKENE) OR (C5 (W) ALKYNE) OR (C4 (W) ALKYLENYL) OR (C4(W) ALKENYL) OR (C4 (W) ALKYNYL) OR (C4 (W) ALKYL) OR (C4 (W) ALKENE) OR (C4 (W) ALKYNE) OR (C3 (W) ALKYLENYL) OR (C3(W) ALKENYL) OR (C3 (W) ALKYNYL) OR (C3 (W) ALKYL) OR (C3 (W) ALKENE) OR (C3 (W) ALKYNE)OR (C2 (W) ALKYLENYL) OR (C2(W) ALKENYL) OR (C2 (W) ALKYNYL) OR (C2 (W) ALKYL) OR (C2 (W) ALKENE) OR (C2 (W) ALKYNE)OR (C1 (W) ALKYLENYL) OR (C1(W) ALKENYL) OR (C1 (W) ALKYNYL) OR (C1 (W) ALKYL) OR (C1 (W) ALKENE) OR (C1 (W) ALKYNE)) )

S8 21 S S7 AND ((ANCHOR OR (DNA (W) BINDING (W) DOMAIN)) AND (POLYAMIDE OR INTERCALATOR OR (MAJOR (W) GROOVE (W) BINDING (W) OLIGONUCLEOTIDE) OR (TRIPLE (W) HELIX (W) FORMING (W) OLIGONUCLEOTIDE) OR (TRIPLEX (W) FORMING (W) OLIGONUCLEOTIDE) OR (PEPTIDE (W) NUCLEIC (W) ACID) OR PNA OR MITOMYCIN OR CISPLATIN OR ANTHROMYCIN OR (C1-6 (W)ALKYL) OR (C2 (W)ALKYL)OR (C3 (W)ALKYL) OR (C4(W)ALKYL) OR (C5 (W)ALKYL) OR (C6 (W)ALKYL) OR (POLYCYCLIC (W) AROMATIC (W) HYDROCARBON) )

S9 4 RD (unique items)

S10 1 S S8 AND ((SINGLE (W)STRANDED) OR (DOUBLE (W) STRANDED) OR (TRIPLE (W) STRANDED) OR DUPLEX OR TRIPLEX)

S11 38 S S1 AND ((SINGLE (W)STRANDED) OR (DOUBLE (W) STRANDED) OR (TRIPLE (W) STRANDED) OR DUPLEX OR TRIPLEX)

S12 25 RD (unique items)

S13 1 S S12 AND ((ANCHOR OR (DNA (W) BINDING (W) DOMAIN)) AND (MITOMYCIN OR CISPLATIN OR CDDP OR ANTHROMYCIN OR (C1-6 (W)ALKYL) OR (C2 (W)ALKYL)OR (C3 (W)ALKYL) OR (C4(W)ALKYL) OR (C5 (W)ALKYL) OR (C6 (W)ALKYL) OR (POLYCYCLIC (W) AROMATIC (W)HYDROCARBON))

S14 1 S S1 AND APTAMER

S15 6210 S APTAMER

S16 1 S APTAMER AND ((ANCHOR OR (DNA (W) BINDING (W) DOMAIN)) AND (MITOMYCIN OR CISPLATIN OR CDDP OR ANTHROMYCIN OR (C1-6 (W)ALKYL) OR (C2 (W)ALKYL)OR (C3 (W)ALKYL) OR (C4(W)ALKYL) OR (C5 (W)ALKYL) OR (C6 (W)ALKYL) OR (POLYCYCLIC (W) AROMATIC (W)HYDROCARBON))

S17 0 S ENTROP?? (W) DESTABIL??

S18 12 S ENTROPICALLY (W) (DESTABILIZE OR DESTABILIZED)

S19 5 RD (unique items)

S20 1 S S19 AND TRANSCRIPTION

S21 76 S (ENTROPICALLY OR ENTROPY ) (3N) (DESTABILIZE OR DESTABILIZED)

S22 55 RD (unique items)

S23 1 S S22 AND TRANSCRIPTION

S24 498 S (ENTROPICALLY OR ENTROPY ) (3N) (STABILIZE OR STABILIZED OR STABLE)

S25 12 S S24 AND TRANSCRIPTION

S26 3 RD (unique items)

S27 0 S S26 AND ((ANCHOR OR (DNA (W) BINDING (W) DOMAIN)) AND (MITOMYCIN OR CISPLATIN OR CDDP OR ANTHROMYCIN OR (C1-6 (W)ALKYL) OR (C2 (W)ALKYL)OR (C3 (W)ALKYL) OR (C4(W)ALKYL) OR (C5 (W)ALKYL) OR (C6 (W)ALKYL) OR (POLYCYCLIC (W) AROMATIC (W)HYDROCARBON))

? logoff

#### Estimated Cost Summary

Project	Client	Charge Code	Searcher	Job	Service Code	User Number
			Laura McGillem		51	276741

[File 185] **Zoological Record Online(R)** 1978-2006/Sep  
(c) 2006 The Thomson Corp. All rights reserved.

[File 357] **Derwent Biotech Res.** \_1982-2006/Sep W1  
(c) 2006 The Thomson Corp. All rights reserved.

[File 369] **New Scientist** 1994-2006/Jul W5  
(c) 2006 Reed Business Information Ltd. All rights reserved.

[File 370] **Science** 1996-1999/Jul W3  
(c) 1999 AAAS. All rights reserved.

*\*File 370: This file is closed (no updates). Use File 47 for more current information.*

[File 391] **Beilstein Reactions** 2006/Q3  
(c) 2006 Beilstein GmbH. All rights reserved.

[File 434] **SciSearch(R) Cited Ref Sci** 1974-1989/Dec  
(c) 2006 The Thomson Corp. All rights reserved.

[File 467] **ExtraMED(tm)** 2000/Dec  
(c) 2001 Informania Ltd. All rights reserved.

? s (artificial (w) transcription) or (transcription (w) factor (w) modulator) or  
(Transcription (3n)((regulatory (w) factor (w) modulator) or RFM))

Processing

Processing

1097604	ARTIFICIAL
1627046	TRANSCRIPTION
462	ARTIFICIAL (W) TRANSCRIPTION
1627046	TRANSCRIPTION
5842594	FACTOR
110488	MODULATOR
9	TRANSCRIPTION (W) FACTOR (W) MODULATOR
1627046	TRANSCRIPTION
982130	REGULATORY
5842594	FACTOR
110488	MODULATOR
0	REGULATORY (W) FACTOR (W) MODULATOR
1386	RFM
1	TRANSCRIPTION (3N) (REGULATORY (W) FACTOR (W) MODULATOR OR RFM)

S1 472 S (ARTIFICIAL (W) TRANSCRIPTION) OR (TRANSCRIPTION (W) FACTOR (W)  
MODULATOR) OR (TRANSCRIPTION (3N)((REGULATORY (W) FACTOR (W) MODULATOR) OR RFM))

? s s1 and (anchor and (polyamide or intercalator or (major (w) groove (w) binding (w)  
oligonucleotide) or (triple (w) helix (w) forming (w) oligonucleotide) or (triplex (w)  
forming (w) oligonucleotide) or (peptide (w) nucleic (w) acid) or PNA or mitomycin or  
cisplatin or anthromycin or (C1-6 (w) alkyl) or (C2 (w) alkyl) or (C3 (w) alkyl) or  
(C4 (w) alkyl) or (C5 (w) alkyl) or (C6 (w) alkyl) or (polycyclic (w) aromatic (w)  
hydrocarbon) ))

Processing

Processing



Processing  
Processing

472 S1  
67774 ANCHOR  
33434 POLYAMIDE  
4865 INTERCALATOR  
5380709 MAJOR  
76337 GROOVE  
4218644 BINDING  
266293 OLIGONUCLEOTIDE  
0 MAJOR (W) GROOVE (W) BINDING (W) OLIGONUCLEOTIDE  
206484 TRIPLE  
261231 HELIX  
822307 FORMING  
266293 OLIGONUCLEOTIDE  
425 TRIPLE (W) HELIX (W) FORMING (W) OLIGONUCLEOTIDE  
12199 TRIPLEX  
822307 FORMING  
266293 OLIGONUCLEOTIDE  
837 TRIPLEX (W) FORMING (W) OLIGONUCLEOTIDE  
1878836 PEPTIDE  
675594 NUCLEIC  
12356443 ACID  
8113 PEPTIDE (W) NUCLEIC (W) ACID  
27024 PNA  
89346 MITOMYCIN  
212669 CISPLATIN  
3 ANTHROMYCIN  
5 C1-6  
591158 ALKYL  
0 C1-6 (W) ALKYL  
117868 C2  
591158 ALKYL  
159 C2 (W) ALKYL  
132931 C3  
591158 ALKYL  
247 C3 (W) ALKYL  
94859 C4  
591158 ALKYL  
560 C4 (W) ALKYL  
47583 C5  
591158 ALKYL  
249 C5 (W) ALKYL  
62717 C6  
591158 ALKYL  
612 C6 (W) ALKYL  
168463 POLYCYCLIC  
941511 AROMATIC  
376015 HYDROCARBON  
37310 POLYCYCLIC (W) AROMATIC (W) HYDROCARBON

S2 1 S S1 AND (ANCHOR AND (POLYAMIDE OR INTERCALATOR OR (MAJOR (W) GROOVE (W) BINDING (W) OLIGONUCLEOTIDE) OR (TRIPLE (W) HELIX (W) FORMING (W) OLIGONUCLEOTIDE) OR (TRIPLEX (W) FORMING (W) OLIGONUCLEOTIDE) OR (PEPTIDE (W) NUCLEIC (W) ACID) OR PNA OR MITOMYCIN OR CISPLATIN OR ANTHROMYCIN OR (C1-6 (W) ALKYL) OR (C2 (W) ALKYL) OR (C3 (W) ALKYL) OR (C4 (W) ALKYL) OR (C5 (W) ALKYL) OR (C6 (W) ALKYL) OR (POLYCYCLIC (W) AROMATIC (W) HYDROCARBON) ))

? t s2/medium

2/3/1 (Item 1 from file: 357) Links  
Derwent Biotech Res.

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0372587 DBA Accession No.: 2005-18293 PATENT

**Evaluating and identifying test compounds modulating binding of regulatory factors to nucleic acid binding sites comprises contacting nucleic acid target having test compound with regulatory factors and determining modulation in binding technique for the evaluation of gene regulation involving useful for a drug screening and functional genomics application**

**Author:** ANSARI A Z

**Patent Assignee:** ANSARI A Z 2005

**Patent Number:** US 20050123936 **Patent Date:** 20050609 **WPI Accession No.:** 2005-416970 ( 200542 )

**Priority Application Number:** US 759416 **Application Date:** 20040116

**National Application Number:** US 759416 **Application Date:** 20040116

**Language:** English

? s s1 and ((anchor or (DNA (w) binding (w) domain)) and (polyamide or intercalator or (major (w) groove (w) binding (w) oligonucleotide) or (triple (w) helix (w) forming (w) oligonucleotide) or (triplex (w) forming (w) oligonucleotide) or (peptide (w) nucleic (w) acid) or PNA or mitomycin or cisplatin or anthromycin or (C1-6 (w)alkyl) or (C2 (w)alkyl) or (C3 (w)alkyl) or (C4(w)alkyl) or (C5 (w)alkyl) or (C6 (w)alkyl) or (polycyclic (w) aromatic (w) hydrocarbon) ))

Processing  
Processing  
Processing  
Processing  
Processing

472	S1
67774	ANCHOR
4998712	DNA
4218644	BINDING
1405685	DOMAIN
52323	DNA (W) BINDING (W) DOMAIN
33434	POLYAMIDE
4865	INTERCALATOR
5380709	MAJOR
76337	GROOVE
4218644	BINDING
266293	OLIGONUCLEOTIDE
0	MAJOR (W) GROOVE (W) BINDING (W) OLIGONUCLEOTIDE
206484	TRIPLE
261231	HELIX
822307	FORMING
266293	OLIGONUCLEOTIDE
425	TRIPLE (W) HELIX (W) FORMING (W) OLIGONUCLEOTIDE
12199	TRIPLEX
822307	FORMING
266293	OLIGONUCLEOTIDE
837	TRIPLEX (W) FORMING (W) OLIGONUCLEOTIDE
1878836	PEPTIDE
675594	NUCLEIC
12356443	ACID
8113	PEPTIDE (W) NUCLEIC (W) ACID
27024	PNA
89346	MITOMYCIN
212669	CISPLATIN
3	ANTHROMYCIN
5	C1-6
591158	ALKYL
0	C1-6 (W) ALKYL
117868	C2
591158	ALKYL
159	C2 (W) ALKYL
132931	C3
591158	ALKYL
247	C3 (W) ALKYL
94859	C4
591158	ALKYL
560	C4 (W) ALKYL
47583	C5
591158	ALKYL
249	C5 (W) ALKYL
62717	C6
591158	ALKYL
612	C6 (W) ALKYL
168463	POLYCYCLIC

941511 AROMATIC  
 376015 HYDROCARBON  
 37310 POLYCYCLIC(W)AROMATIC(W)HYDROCARBON  
 S3 21 S S1 AND ((ANCHOR OR (DNA (W) BINDING (W) DOMAIN)) AND (POLYAMIDE OR  
 INTERCALATOR OR (MAJOR (W) GROOVE (W) BINDING (W) OLIGONUCLEOTIDE) OR (TRIPLE (W) HELIX  
 (W) FORMING (W) OLIGONUCLEOTIDE) OR (TRIPLEX (W) FORMING (W) OLIGONUCLEOTIDE) OR (PEPTIDE  
 (W) NUCLEIC (W) ACID) OR PNA OR MITOMYCIN OR CISPLATIN OR ANTHROMYCIN OR (C1-6 (W)ALKYL)  
 OR (C2 (W)ALKYL)OR (C3 (W)ALKYL) OR (C4(W)ALKYL) OR (C5 (W)ALKYL) OR (C6 (W)ALKYL) OR  
 (POLYCYCLIC (W) AROMATIC (W) HYDROCARBON) ))

? rd

>>>W: Duplicate detection is not supported for File 391.  
 Records from unsupported files will be retained in the RD set.

S4 4 RD (UNIQUE ITEMS)

? t s4/medium/1-4

4/3/1 (Item 1 from file: 5) [Links](#)

Fulltext available through: [American Chemical Society](#) [Ex Libris](#) [USPTO Full Text Retrieval Options](#)  
[SCIENCEDIRECT](#)

Biosis Previews(R)

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0014073012 Biosis No.: 200300031731

**Design of artificial transcriptional activators with rigid poly-L-proline linkers.**

**Author:** Arora Paramjit S; Ansari Aseem Z; Best Timothy P; Ptashne Mark; Dervan Peter B (Reprint)

**Author Address:** Division of Chemistry and Chemical Engineering and Beckman Institute, California Institute of  
 Technology, Pasadena, CA, 91125, USA\*\*USA

**Author E-mail Address:** dervan@caltech.edu

**Journal:** Journal of the American Chemical Society 124 ( 44 ): p 13067-13071 November 6, 2002 2002

**Medium:** print

**ISSN:** 0002-7863 \_(ISSN print)

**Document Type:** Article

**Record Type:** Abstract

**Language:** English

4/3/2 (Item 2 from file: 5) [Links](#)

Fulltext available through: [American Chemical Society](#) [Ex Libris](#) [USPTO Full Text Retrieval Options](#)  
[SCIENCEDIRECT](#)

Biosis Previews(R)

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0013795353 Biosis No.: 200200388864

**A highly potent artificial transcription factor**

**Author:** Stanojevic Dusan (Reprint); Young Richard A

**Author Address:** Crosslink Genetics Corporation, One Kendall Square, Building 600, PMB 255, Cambridge, MA, 02139, USA\*\*USA

**Journal:** Biochemistry 41 ( 23 ): p 7209-7216 June 11, 2002 2002

**Medium:** print

**ISSN:** 0006-2960

**Document Type:** Article

**Record Type:** Abstract

**Language:** English

4/3/3 (Item 3 from file: 5) [Links](#)

Fulltext available through: [Ex Libris](#) [Proceedings of the National Academy of Sciences \(PNAS\)](#) [USPTO Full Text Retrieval Options](#) [SCIENCEDIRECT](#)

Biosis Previews(R)

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0012522924 Biosis No.: 200000241237

**Activation of gene expression by small molecule transcription factors**

**Author:** Mapp Anna K; Ansari Aseem Z; Ptashne Mark (Reprint); Dervan Peter B

**Author Address:** Molecular Biology Program, Sloan-Kettering Institute, New York, NY, 10021, USA\*\*USA

**Journal:** Proceedings of the National Academy of Sciences of the United States of America 97 ( 8 ): p 3930-3935  
April 11, 2000 2000

**Medium:** print

**ISSN:** 0027-8424

**Document Type:** Article

**Record Type:** Abstract

**Language:** English

? s s1 and ((anchor or (DNA (w) binding (w) domain)) and (intercalator or (major (w) groove (w) binding (w) oligonucleotide) or (triplex (w) forming (w) oligonucleotide) or mitomycin or cisplatin or anthromycin or (C1-6 (W)ALKYL) OR (C2 (W)ALKYL)OR (C3 (W)ALKYL) OR (C4(W)ALKYL) OR (C5 (W)ALKYL) OR (C6 (W)ALKYL) or (polycyclic (w) aromatic (w) hydrocarbon)))

Processing  
Processing  
Processing

472	S1
67774	ANCHOR
4998712	DNA
4218644	BINDING
1405685	DOMAIN
52323	DNA (W) BINDING (W) DOMAIN
4865	INTERCALATOR
5380709	MAJOR
76337	GROOVE
4218644	BINDING
266293	OLIGONUCLEOTIDE
0	MAJOR (W) GROOVE (W) BINDING (W) OLIGONUCLEOTIDE
12199	TRIPLEX
822307	FORMING
266293	OLIGONUCLEOTIDE
837	TRIPLEX (W) FORMING (W) OLIGONUCLEOTIDE
89346	MITOMYCIN
212669	CISPLATIN
3	ANTHROMYCIN
5	C1-6
591158	ALKYL
0	C1-6 (W) ALKYL
117868	C2
591158	ALKYL
159	C2 (W) ALKYL
132931	C3
591158	ALKYL
247	C3 (W) ALKYL
94859	C4
591158	ALKYL
560	C4 (W) ALKYL
47583	C5
591158	ALKYL
249	C5 (W) ALKYL
62717	C6
591158	ALKYL
612	C6 (W) ALKYL
168463	POLYCYCLIC
941511	AROMATIC
376015	HYDROCARBON
37310	POLYCYCLIC (W) AROMATIC (W) HYDROCARBON

S5 1 S S1 AND ((ANCHOR OR (DNA (W) BINDING (W) DOMAIN)) AND (INTERCALATOR OR (MAJOR (W) GROOVE (W) BINDING (W) OLIGONUCLEOTIDE) OR (TRIPLEX (W) FORMING (W) OLIGONUCLEOTIDE) OR MITOMYCIN OR CISPLATIN OR ANTHROMYCIN OR (C1-6 (W)ALKYL) OR (C2 (W)ALKYL)OR (C3 (W)ALKYL) OR (C4 (W)ALKYL) OR (C5 (W)ALKYL) OR (C6 (W)ALKYL) OR (POLYCYCLIC (W) AROMATIC (W) HYDROCARBON)))

? t s5/free

5/8/1 (Item 1 from file: 357) [Links](#)

0372587 DBA Accession No.: 2005-18293

? s s1 and ((anchor or (DNA (w) binding (w) domain)) and (mitomycin or cisplatin or CDDP or anthromycin or (C1-6 (W)ALKYL) OR (C2 (W)ALKYL)OR (C3 (W)ALKYL) OR (C4(W)ALKYL) OR (C5 (W)ALKYL) OR (C6 (W)ALKYL) or (polycyclic (w) aromatic (w)hydrocarbon)))

Processing  
Processing

472	S1
67774	ANCHOR
4998712	DNA
4218644	BINDING
1405685	DOMAIN
52323	DNA(W) BINDING (W) DOMAIN
89346	MITOMYCIN
212669	CISPLATIN
20914	CDDP
3	ANTHROMYCIN
5	C1-6
591158	ALKYL
0	C1-6(W)ALKYL
117868	C2
591158	ALKYL
159	C2 (W)ALKYL
132931	C3
591158	ALKYL
247	C3 (W)ALKYL
94859	C4
591158	ALKYL
560	C4 (W)ALKYL
47583	C5
591158	ALKYL
249	C5 (W)ALKYL
62717	C6
591158	ALKYL
612	C6 (W)ALKYL
168463	POLYCYCLIC
941511	AROMATIC
376015	HYDROCARBON
37310	POLYCYCLIC (W) AROMATIC (W) HYDROCARBON
S6	1 S S1 AND ((ANCHOR OR (DNA (W) BINDING (W) DOMAIN)) AND (MITOMYCIN OR CISPLATIN OR CDDP OR ANTHROMYCIN OR (C1-6 (W)ALKYL) OR (C2 (W)ALKYL)OR (C3 (W)ALKYL) OR (C4(W)ALKYL) OR (C5 (W)ALKYL) OR (C6 (W)ALKYL) OR (POLYCYCLIC (W) AROMATIC (W)HYDROCARBON)))

? t s6/medium

6/3/1 (Item 1 from file: 357) [Links](#)

Derwent Biotech Res.

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0372587 DBA Accession No.: 2005-18293 PATENT

**Evaluating and identifying test compounds modulating binding of regulatory factors to nucleic acid binding sites comprises contacting nucleic acid target having test compound with regulatory factors and determining modulation in binding technique for the evaluation of gene regulation involving useful for a drug screening and functional genomics application**

**Author:** ANSARI A Z

**Patent Assignee:** ANSARI A Z 2005

**Patent Number:** US 20050123936 **Patent Date:** 20050609 **WPI Accession No.:** 2005-416970 (200542)

**Priority Application Number:** US 759416 **Application Date:** 20040116



? s s1 and (linker or (linker (3n) ((polypeptide ) or PEG or (polyethylene (w) glycol) or (C6 (w) alkylenyl) or (C6(w) alkenyl) or (C6 (w) alkynyl) or (C6 (w) alkyl) or (C6 (w) alkene) or (C6 (w) alkyne) or (C5 (w) alkylenyl) or (C5(w) alkenyl) or (C5 (w) alkynyl) or (C5 (w) alkyl) or (C5 (w) alkene) or (C5 (w) alkyne) or (C4 (w) alkylenyl) or (C4(w) alkenyl) or (C4 (w) alkynyl) or (C4 (w) alkyl) or (C4 (w) alkene) or (C4 (w) alkyne) or (C3 (w) alkylenyl) or (C3(w) alkenyl) or (C3 (w) alkynyl) or (C3 (w) alkyl) or (C3 (w) alkene) or (C3 (w) alkyne) or (C2 (w) alkylenyl) or (C2(w) alkenyl) or (C2 (w) alkynyl) or (C2 (w) alkyl) or (C2 (w) alkene) or (C2 (w) alkyne) or (C1 (w) alkylenyl) or (C1(w) alkenyl) or (C1 (w) alkynyl) or (C1 (w) alkyl) or (C1 (w) alkene) or (C1 (w) alkyne)) ) )

Processing

Processing

472	S1
75834	LINKER
75834	LINKER
458393	POLYPEPTIDE
91241	PEG
276625	POLYETHYLENE
229817	GLYCOL
78830	POLYETHYLENE (W) GLYCOL
62717	C6
34	ALKYLENYL
0	C6 (W) ALKYLENYL
62717	C6
50290	ALKENYL
124	C6 (W) ALKENYL
62717	C6
28037	ALKYNYL
82	C6 (W) ALKYNYL
62717	C6
591158	ALKYL
612	C6 (W) ALKYL
62717	C6
52118	ALKENE
6	C6 (W) ALKENE
62717	C6
26028	ALKYNE
0	C6 (W) ALKYNE
47583	C5
34	ALKYLENYL
0	C5 (W) ALKYLENYL
47583	C5
50290	ALKENYL
11	C5 (W) ALKENYL
47583	C5
28037	ALKYNYL
5	C5 (W) ALKYNYL
47583	C5
591158	ALKYL
249	C5 (W) ALKYL
47583	C5
52118	ALKENE
12	C5 (W) ALKENE
47583	C5
26028	ALKYNE
0	C5 (W) ALKYNE
94859	C4
34	ALKYLENYL
0	C4 (W) ALKYLENYL
94859	C4
50290	ALKENYL

31	C4 (W) ALKENYL
94859	C4
28037	ALKYNYL
17	C4 (W) ALKYNYL
94859	C4
591158	ALKYL
560	C4 (W) ALKYL
94859	C4
52118	ALKENE
11	C4 (W) ALKENE
94859	C4
26028	ALKYNE
0	C4 (W) ALKYNE
132931	C3
34	ALKYLENYL
0	C3 (W) ALKYLENYL
132931	C3
50290	ALKENYL
10	C3 (W) ALKENYL
132931	C3
28037	ALKYNYL
7	C3 (W) ALKYNYL
132931	C3
591158	ALKYL
247	C3 (W) ALKYL
132931	C3
52118	ALKENE
1	C3 (W) ALKENE
132931	C3
26028	ALKYNE
0	C3 (W) ALKYNE
117868	C2
34	ALKYLENYL
0	C2 (W) ALKYLENYL
117868	C2
50290	ALKENYL
2	C2 (W) ALKENYL
117868	C2
28037	ALKYNYL
2	C2 (W) ALKYNYL
117868	C2
591158	ALKYL
159	C2 (W) ALKYL
117868	C2
52118	ALKENE
3	C2 (W) ALKENE
117868	C2
26028	ALKYNE
1	C2 (W) ALKYNE
99355	C1
34	ALKYLENYL
0	C1 (W) ALKYLENYL
99355	C1
50290	ALKENYL
0	C1 (W) ALKENYL
99355	C1
28037	ALKYNYL
2	C1 (W) ALKYNYL
99355	C1
591158	ALKYL
42	C1 (W) ALKYL

99355 C1  
 52118 ALKENE  
 0 C1(W)ALKENE  
 99355 C1  
 26028 ALKYNE  
 3 C1(W)ALKYNE  
 1515 LINKER...  
 S7 42 S S1 AND (LINKER OR (LINKER (3N) ((POLYPEPTIDE ) OR PEG OR (POLYETHYLENE  
 (W) GLYCOL) OR (C6 (W) ALKYLENYL) OR (C6(W) ALKENYL) OR (C6 (W) ALKYNYL) OR (C6 (W) ALKYL)  
 OR (C6 (W) ALKENE) OR (C6 (W) ALKYNE) OR (C5 (W) ALKYLENYL) OR (C5(W) ALKENYL) OR (C5 (W)  
 ALKYNYL) OR (C5 (W) ALKYL) OR (C5 (W) ALKENE) OR (C5 (W) ALKYNE) OR (C4 (W) ALKYLENYL) OR  
 (C4(W) ALKENYL) OR (C4 (W) ALKYNYL) OR (C4 (W) ALKYL) OR (C4 (W) ALKENE) OR (C4 (W)  
 ALKYNE) OR (C3 (W) ALKYLENYL) OR (C3(W) ALKENYL) OR (C3 (W) ALKYNYL) OR (C3 (W) ALKYL) OR  
 (C3 (W) ALKENE) OR (C3 (W) ALKYNE)OR (C2 (W) ALKYLENYL) OR (C2(W) ALKENYL) OR (C2 (W)  
 ALKYNYL) OR (C2 (W) ALKYL) OR (C2 (W) ALKENE) OR (C2 (W) ALKYNE)OR (C1 (W) ALKYLENYL) OR  
 (C1(W) ALKENYL) OR (C1 (W) ALKYNYL) OR (C1 (W) ALKYL) OR (C1 (W) ALKENE) OR (C1 (W)  
 ALKYNE)) ))

? s s7 and ((anchor or (DNA (w) binding (w) domain)) and (polyamide or intercalator or  
 (major (w) groove (w) binding (w) oligonucleotide) or (triple (w) helix (w) forming (w)  
 oligonucleotide) or (triplex (w) forming (w) oligonucleotide) or (peptide (w) nucleic (w)  
 acid) or PNA or mitomycin or cisplatin or anthromycin or (C1-6 (w)alkyl) or (C2  
 (w)alkyl)or (C3 (w)alkyl) or (C4(w)alkyl) or (C5 (w)alkyl) or (C6 (w)alkyl) or (polycyclic  
 (w) aromatic (w) hydrocarbon) ))

Processing

Processing

Processing

Processing

42 S7  
 67774 ANCHOR  
 4998712 DNA  
 4218644 BINDING  
 1405685 DOMAIN  
 52323 DNA(W) BINDING(W) DOMAIN  
 33434 POLYAMIDE  
 4865 INTERCALATOR  
 5380709 MAJOR  
 76337 GROOVE  
 4218644 BINDING  
 266293 OLIGONUCLEOTIDE  
 0 MAJOR(W) GROOVE(W) BINDING(W) OLIGONUCLEOTIDE  
 206484 TRIPLE  
 261231 HELIX  
 822307 FORMING  
 266293 OLIGONUCLEOTIDE  
 425 TRIPLE(W) HELIX(W) FORMING(W) OLIGONUCLEOTIDE  
 12199 TRIPLEX  
 822307 FORMING  
 266293 OLIGONUCLEOTIDE  
 837 TRIPLEX(W) FORMING(W) OLIGONUCLEOTIDE  
 1878836 PEPTIDE  
 675594 NUCLEIC  
 12356443 ACID  
 8113 PEPTIDE(W) NUCLEIC(W) ACID  
 27024 PNA  
 89346 MITOMYCIN  
 212669 CISPLATIN  
 3 ANTHROMYCIN  
 5 C1-6  
 591158 ALKYL  
 0 C1-6(W)ALKYL

117868 C2  
 591158 ALKYL  
 159 C2 (W)ALKYL  
 132931 C3  
 591158 ALKYL  
 247 C3 (W)ALKYL  
 94859 C4  
 591158 ALKYL  
 560 C4 (W)ALKYL  
 47583 C5  
 591158 ALKYL  
 249 C5 (W)ALKYL  
 62717 C6  
 591158 ALKYL  
 612 C6 (W)ALKYL  
 168463 POLYCYCLIC  
 941511 AROMATIC  
 376015 HYDROCARBON  
 37310 POLYCYCLIC (W) AROMATIC (W) HYDROCARBON  
 S8 21 S S7 AND ((ANCHOR OR (DNA (W) BINDING (W) DOMAIN)) AND (POLYAMIDE OR  
 INTERCALATOR OR (MAJOR (W) GROOVE (W) BINDING (W) OLIGONUCLEOTIDE) OR (TRIPLE (W) HELIX  
 (W) FORMING (W) OLIGONUCLEOTIDE) OR (TRIPLEX (W) FORMING (W) OLIGONUCLEOTIDE) OR (PEPTIDE  
 (W) NUCLEIC (W) ACID) OR PNA OR MITOMYCIN OR CISPLATIN OR ANTHROMYCIN OR (C1-6 (W)ALKYL)  
 OR (C2 (W)ALKYL) OR (C3 (W)ALKYL) OR (C4 (W)ALKYL) OR (C5 (W)ALKYL) OR (C6 (W)ALKYL) OR  
 (POLYCYCLIC (W) AROMATIC (W) HYDROCARBON) ))

? rd

>>>W: Duplicate detection is not supported for File 391.  
 Records from unsupported files will be retained in the RD set.

S9 4 RD (UNIQUE ITEMS)

? t s9/free/all

9/8/1 (Item 1 from file: 5) [Links](#)

0014073012 Biosis No.: 200300031731

**Design of artificial transcriptional activators with rigid poly-L-proline linkers.**

2002

9/8/2 (Item 2 from file: 5) Links

0013795353 Biosis No.: 200200388864

**A highly potent artificial transcription factor**

2002

? s s8 and ((single (w)stranded) or (double (w) stranded) or (triple (w) stranded) or duplex or triplex)

Processing

```
      21      S8
4764408      SINGLE
591579       STRANDED
295039       SINGLE (W) STRANDED
1920182      DOUBLE
591579       STRANDED
308707       DOUBLE (W) STRANDED
206484       TRIPLE
591579       STRANDED
3218        TRIPLE (W) STRANDED
130240       DUPLEX
12199        TRIPLEX
S10          1      S S8 AND ((SINGLE (W)STRANDED) OR (DOUBLE (W) STRANDED) OR (TRIPLE (W)
STRANDED) OR DUPLEX OR TRIPLEX)
```

? S S1 AND ((SINGLE (W)STRANDED) OR (DOUBLE (W) STRANDED) OR (TRIPLE (W) STRANDED) OR DUPLEX OR TRIPLEX)

```
      472      S1
4764408      SINGLE
591579       STRANDED
295039       SINGLE (W) STRANDED
1920182      DOUBLE
591579       STRANDED
308707       DOUBLE (W) STRANDED
206484       TRIPLE
591579       STRANDED
3218        TRIPLE (W) STRANDED
130240       DUPLEX
12199        TRIPLEX
S11          38      S S1 AND ((SINGLE (W)STRANDED) OR (DOUBLE (W) STRANDED) OR (TRIPLE (W)
STRANDED) OR DUPLEX OR TRIPLEX)
```

? rd

>>>W: Duplicate detection is not supported for File 391.

Records from unsupported files will be retained in the RD set.

S12 25 RD (UNIQUE ITEMS)

? s s12 and ((anchor or (DNA (w) binding (w) domain)) and (mitomycin or cisplatin or CDDP or anthromycin or (C1-6 (W)ALKYL) OR (C2 (W)ALKYL)OR (C3 (W)ALKYL) OR (C4(W)ALKYL) OR (C5 (W)ALKYL) OR (C6 (W)ALKYL) or (polycyclic (w) aromatic (w)hydrocarbon)))

Processing

Processing

```
      25      S12
67774        ANCHOR
4998712      DNA
4218644      BINDING
1405685      DOMAIN
52323        DNA (W) BINDING (W) DOMAIN
89346        MITOMYCIN
212669       CISPLATIN
20914        CDDP
3            ANTHROMYCIN
5            C1-6
591158       ALKYL
0            C1-6 (W) ALKYL
117868       C2
591158       ALKYL
```

159 C2 (W)ALKYL  
 132931 C3  
 591158 ALKYL  
 247 C3 (W)ALKYL  
 94859 C4  
 591158 ALKYL  
 560 C4 (W)ALKYL  
 47583 C5  
 591158 ALKYL  
 249 C5 (W)ALKYL  
 62717 C6  
 591158 ALKYL  
 612 C6 (W)ALKYL  
 168463 POLYCYCLIC  
 941511 AROMATIC  
 376015 HYDROCARBON  
 37310 POLYCYCLIC (W) AROMATIC (W) HYDROCARBON  
 S13 1 S S12 AND ((ANCHOR OR (DNA (W) BINDING (W) DOMAIN)) AND (MITOMYCIN OR  
 CISPLATIN OR CDDP OR ANTHROMYCIN OR (C1-6 (W)ALKYL) OR (C2 (W)ALKYL)OR (C3 (W)ALKYL) OR  
 (C4 (W)ALKYL) OR (C5 (W)ALKYL) OR (C6 (W)ALKYL) OR (POLYCYCLIC (W) AROMATIC  
 (W)HYDROCARBON))  
 ?  
 ? s s1 and aptamer  
 472 S1  
 6210 APTAMER  
 S14 1 S S1 AND APTAMER  
 ? s aptamer  
 S15 6210 S APTAMER  
 ? s aptamer AND ((ANCHOR OR (DNA (W) BINDING (W) DOMAIN)) AND (MITOMYCIN OR CISPLATIN OR  
 CDDP OR ANTHROMYCIN OR (C1-6 (W)ALKYL) OR (C2 (W)ALKYL)OR (C3 (W)ALKYL) OR (C4 (W)ALKYL) OR  
 (C5 (W)ALKYL) OR (C6 (W)ALKYL) OR (POLYCYCLIC (W) AROMATIC (W)HYDROCARBON))  
 Processing  
 Processing  
 6210 APTAMER  
 67774 ANCHOR  
 4998712 DNA  
 4218644 BINDING  
 1405685 DOMAIN  
 52323 DNA (W) BINDING (W) DOMAIN  
 89346 MITOMYCIN  
 212669 CISPLATIN  
 20914 CDDP  
 3 ANTHROMYCIN  
 5 C1-6  
 591158 ALKYL  
 0 C1-6 (W)ALKYL  
 117868 C2  
 591158 ALKYL  
 159 C2 (W)ALKYL  
 132931 C3  
 591158 ALKYL  
 247 C3 (W)ALKYL  
 94859 C4  
 591158 ALKYL  
 560 C4 (W)ALKYL  
 47583 C5  
 591158 ALKYL  
 249 C5 (W)ALKYL

62717 C6  
 591158 ALKYL  
 612 C6(W)ALKYL.  
 168463 POLYCYCLIC  
 941511 AROMATIC  
 376015 HYDROCARBON  
 37310 POLYCYCLIC(W)AROMATIC(W)HYDROCARBON  
 S16 1 S APTAMER AND ((ANCHOR OR (DNA (W) BINDING (W) DOMAIN)) AND (MITOMYCIN OR  
 CISPLATIN OR CDDP OR ANTHROMYCIN OR (C1-6 (W)ALKYL) OR (C2 (W)ALKYL)OR (C3 (W)ALKYL) OR  
 (C4(W)ALKYL) OR (C5 (W)ALKYL) OR (C6 (W)ALKYL) OR (POLYCYCLIC (W) AROMATIC  
 (W)HYDROCARBON))

?  
 ? t s16/free

16/8/1 (Item 1 from file: 357) [Links](#)

0372587 DBA Accession No.: 2005-18293

**Evaluating and identifying test compounds modulating binding of regulatory factors to nucleic acid binding sites comprises contacting nucleic acid target having test compound with regulatory factors and determining modulation in binding technique for the evaluation of gene regulation involving useful for a drug screening and functional genomics application 2005**



? s entrop?? (w) destabil??

149391 ENTROP??

3 DESTABIL??

S17 0 S ENTROP?? (W) DESTABIL??

? s entropically (w) (destabilize or destabilized)

2735 ENTROPICALLY

12649 DESTABILIZE

15590 DESTABILIZED

S18 12 S ENTROPICALLY (W) (DESTABILIZE OR DESTABILIZED)

? rd

>>>W: Duplicate detection is not supported for File 391.

Records from unsupported files will be retained in the RD set.

S19 5 RD (UNIQUE ITEMS)

? s s19 and transcription

5 S19

1627046 TRANSCRIPTION

S20 1 S S19 AND TRANSCRIPTION

? s (entropically or entropy ) (3n) (destabilize or destabilized)

2735 ENTROPICALLY

137047 ENTROPY

12649 DESTABILIZE

15590 DESTABILIZED

S21 76 S (ENTROPICALLY OR ENTROPY ) (3N) (DESTABILIZE OR DESTABILIZED)

? rd

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S22 55 RD (UNIQUE ITEMS)

? s s22 AND TRANSCRIPTION

55 S22

1627046 TRANSCRIPTION

S23 1 S S22 AND TRANSCRIPTION

? S (ENTROPICALLY OR ENTROPY ) (3N) (STABILIZE OR STABILIZED or stable)

2735 ENTROPICALLY

137047 ENTROPY

102274 STABILIZE

250899 STABILIZED

1602821 STABLE

S24 498 S (ENTROPICALLY OR ENTROPY ) (3N) (STABILIZE OR STABILIZED OR STABLE)

? S S24 AND TRANSCRIPTION

498 S24

1627046 TRANSCRIPTION

S25 12 S S24 AND TRANSCRIPTION

? rd

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S26 3 RD (UNIQUE ITEMS)

? t s26/medium/1-3

26/3/1 (Item 1 from file: 5) [Links](#)

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0014094518 Biosis No.: 200300053237

**Cooperativity in transcription factor binding to the coactivator CREB-binding protein (CBP). The mixed lineage leukemia protein (MLL) activation domain binds to an allosteric site on the KIX domain.**

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**Journal:** Journal of Biological Chemistry 277 ( 45 ): p 43168-43174 November 8, 2002 2002

**Medium:** print

**ISSN:** 0021-9258

**Document Type:** Article

**Record Type:** Abstract

**Language:** English